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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

FEB 21 2005

Applicant(s): Johnson et al.

Application No.: 09/933,315

Filed: August 20, 2001

Title: Optical Devices Based on Stable Non-Absorbing Optical
Hard Limiters

Attorney Docket No.: 14996BA 120-128

Assistant Commissioner for Patents
Washington, D.C. 20231

Group Art Unit: 2872

Examiner: Lavarias

AFFIDAVIT UNDER 37 CFR §1.132 for EDWARD SARGENT and LUKASZ BRZOWSKI

By virtue of our signatures below, we, Edward H. Sargent and Lukasz Brzozowski, applicants in the above identified patent application, declare that we are the authors of "Photonic Crystals for Integrated Optical Computing", June 2000. The present patent application discloses subject matter derived from our "Photonic Crystals for Integrated Optical Computing" reference.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Date

Feb 14, 2005

Date

Edward H. Sargent

Lukasz Brzozowski

Lukasz Brzozowski

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Edward H. Sargent_____
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Lukasz Brzozowski